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Brother Laser Printer
SERVICE MANUAL

MODEL:
HL-5240/5250DN/5270DN/5280DW

Read this manual thoroughly before maintenance work.

Keep this manual in a convenient place for quick and easy reference at all times.

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PREFACE

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This service manual contains basic information required for after-sales service of the laser printer (hereinafter referred to as "this machine" or "the printer"). This information is vital to the service technician to maintain the high printing quality and performance of the printer.

This service manual covers the **HL-5240/5250DN/5270DN/5280DW** printers.

This manual consists of the following chapters:

CHAPTER 1: GENERAL
Features, specifications, etc.

CHAPTER 2: THEORY OF OPERATION
Basic operation of the mechanical system, the electrical system and the electrical circuits.

CHAPTER 3: PERIODIC MAINTENANCE
Periodical replacement parts, consumable parts, etc.

CHAPTER 4: TROUBLESHOOTING
Reference values and adjustments, troubleshooting image defects, troubleshooting malfunctions, etc.

CHAPTER 5: DISASSEMBLY AND RE-ASSEMBLY
Procedures for disassembling and re-assembling the mechanical system.

CHAPTER 6: ADJUSTMENTS AND UPDATING OF SETTING, REQUIRED AFTER PARTS REPLACEMENT

CHAPTER 7: SERVICE SUPPORT SOFTWARE
Test print mode and Service menu mode, etc.

APPENDIX: Diagrams etc…

Information in this manual is subject to change due to improvement or redesign of the product. All relevant information in such cases will be supplied in service information bulletins (Technical Information).

A thorough understanding of this printer, based on information in this service manual and service information bulletins, is required for maintaining its print quality performance and for improving the practical ability to find the cause of problems.

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